

Technical Data Sheet



Ferolite®

FMP 501 Carbon Filament

Typical Applications: Valves, Boiler Feed Pumps

Service Media & conditions :

Used for High Speed, High Temperature & Pressure applications in sealing Boiler Feed Pumps, Super heated Steam, Chemically Inert to most media, not used for Acids & Oxidising Media.

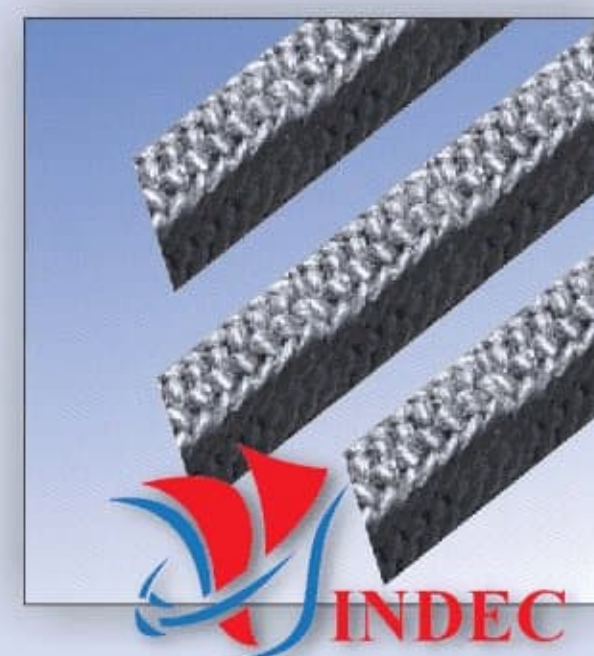
Supply Data:

Size Range : 6 x 6 to 40 x 40 mm

Form : Square

Technical Data:

Material Number :	FMP 501
Type of Fibre :	Carbon filament Yarn
Carrier Fibre :	-
Type of Core :	Graphite
Metal Insertion/Jacketing	-
Application Limit	-200°C to 600°C
Decomposition :	600°C
Operating Pressure (Max.) Rotating	35 Bar
Operating Pressure (Max.) Oscillating	100 Bar
Max Operating Pressure :	350 Bar
Temperature of Carrier Fibre :	
pH	0 - 14
Density (g/cm ³)	1.0 -1.1



Physical Properties:

Size (mm)	6	8	10	12	16	18	20	25	30	40	
Weight (g/m)	36	64	100	144	256	324	400	625	900	1600	

Product versions:

With metal wire insertion-S.S.(FMP 501M) Impregnated with PTFE or Graphite -- To reduce stem friction & corrosion inhibitor.